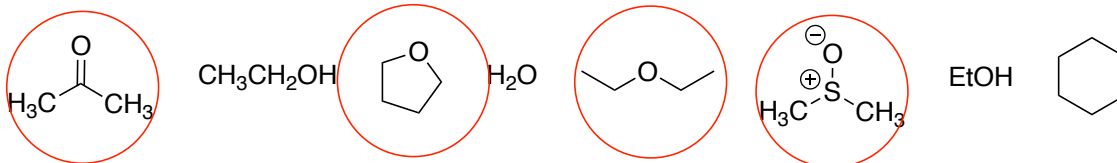


Organic 1 Quiz 4

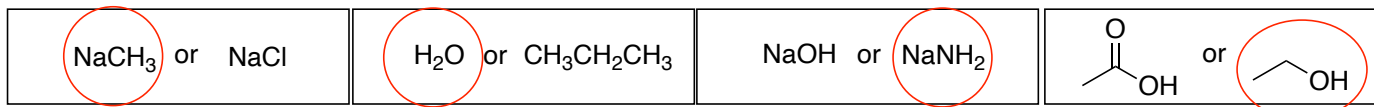
October 23, 2026

Name: Key

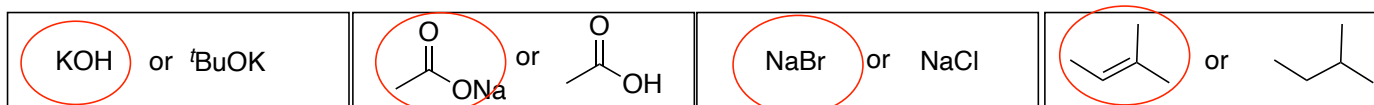
1. (4 points) Circle the aprotic polar solvents.



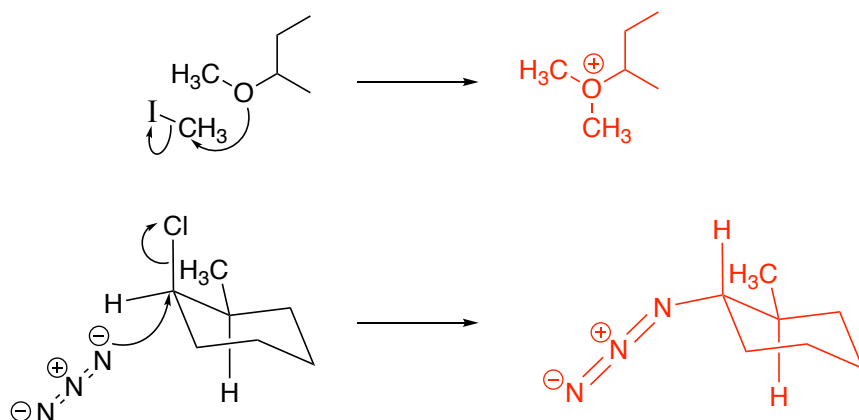
2. (4 points) Circle the substrate in each pair that is the stronger base.



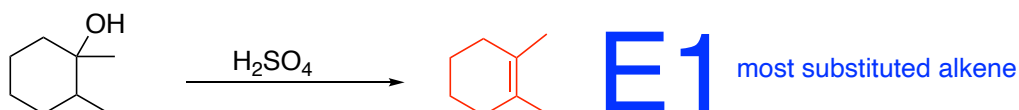
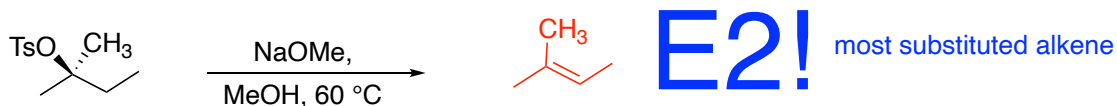
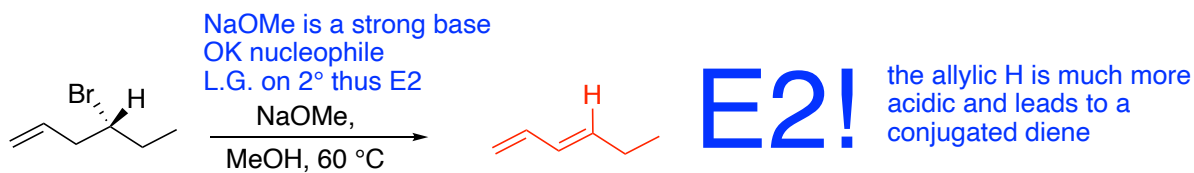
3. (4 points) Circle the substrate in each pair that is the better nucleophilic reagent.



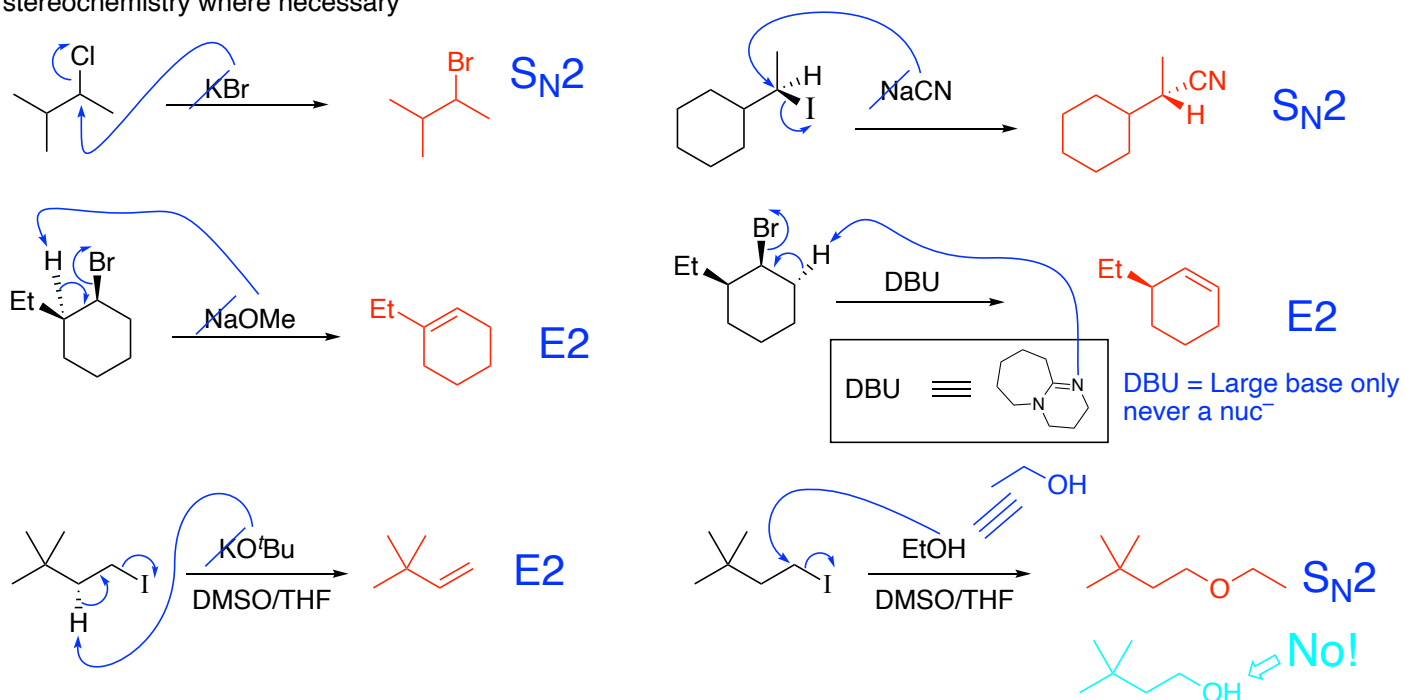
4. (6 points) Draw the product of the result of the arrows.



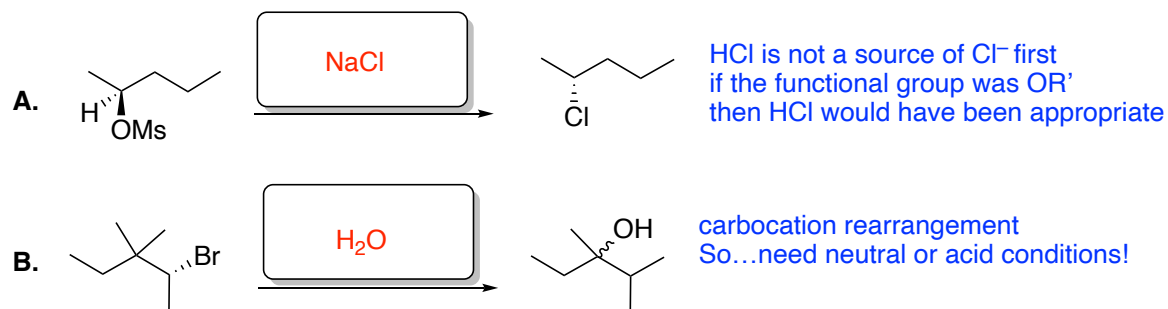
5. (6 points) Draw the major organic products formed from the following elimination reactions. Be sure to show the alkene geometry for each where needed.



6. (12 points) Provide the major organic products for the following 6 reactions. Give the appropriate stereochemistry where necessary



7. (4 points) Give a reagent that would provide the indicated product in the following reactions.



8. (8 points) Provide a detailed curly arrow mechanism for the following reaction.

